



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

October 31, 2008

Mr. Jay D. Churchill
Manager, Los Angeles Refinery
ConocoPhillips Company
1660 W. Anaheim Street
Wilmington, CA 90744

Subject: Transmittal of Final Title V Permit

| Facility ID | Facility Name | Address |
|-------------|--------------------------------|--|
| 800362 | ConocoPhillips Carson Refinery | 1660 W. Anaheim Street Wilmington, CA 90744 |

Dear Mr. Churchill:

Enclosed is the final Title V permit, for the facility listed above, that has been issued by the South Coast Air Quality Management District (AQMD). Effective November 7, 2008, this Title V permit supersedes the current revision of the RECLAIM Facility Permit issued for your facility by the AQMD.

The draft copy of this permit was submitted to the U.S. EPA Region IX (EPA) for a 90-day review period (June 6, 2008 to September 9, 2008) and made available for a 60-day public comment period (June 6, 2008 to August 5, 2008). The AQMD received comments on the draft permit from the EPA on September 9, 2008 and from the public on August 5, 2008. Based on the EPA's comments, we have made the following changes to the Title V permit:

1. Consent Decree H-05-0258, 1/27/05 has been added as an underlying rule for device conditions B61.1 (limits H₂S in the fuel gas used, to no greater than 160 ppm by volume) and H23.6 (specifies 40 CFR 60 Subpart J as an applicable rule) as imposed on the affected nine combustion sources identified in Appendix B of the Consent Decree.
2. Facility Condition F52.1 has been added to require the refinery to comply with all the applicable requirements of Consent Decree H-05-0258, 1/27/05. Further, this condition requires the facility to send the District a copy of the semi-annual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirements not yet fulfilled.
3. All date citations to the requirements of NSPS Subpart J have been updated to the current amended date of June 24, 2008.

4. The following emission units identified by the facility as subject to NSPS Subpart GGG have been identified in the permit by including condition H23.22 as a requirement for these units:
 - 4.1 Hydrogen recycle compressors, D738, D740
 - 4.2 Fugitives, coker blowdown, D841
 - 4.3 Fugitives, debutanizer unit for gas production, D848
 - 4.4 Fugitives, sour water stripping unit for gas and water treatment process, D852
 - 4.5 Fugitives, sour gas stripping unit for gas and water treatment process, D854
 - 4.6 Fugitives, sulfur recovery units, D855, D856
 - 4.7 Fugitives, SCOT tail gas incinerator, D857, D858
 - 4.8 Flare gas recovery compressors, D938, D939
5. The 500 ppm VOC limit of Rule 1176 in Emissions and Requirements Column of the permit for the following devices has also been tagged with 40 CFR 60 Subpart QQQ.
 - 5.1 Oil water separator, oil/water, D336
 - 5.2 Oil water separator, oil/water, D337
 - 5.3 Oil water separator, storm/process water, D338
 - 5.4 Oil water separator, serving the coker and flasher units, D347
 - 5.5 Oil water separator, serving the crude unit, D348
 - 5.6 Oil water separator, serving the sulfur plant, D349
6. The template for 40 CFR 61 Subpart FF requirements has been added to Section J of the facility permit.
7. Facility Condition F52.2 has been added requiring the facility to comply with the requirements of 40 CFR 60 Subpart A, 40 CFR 61 Subpart A, and 40 CFR 63 Subpart A.

The permit also includes the following applications approved for administrative changes:

| | A/N | Equipment ID | Device ID | Permit Action | Process | System |
|---|--------|--------------|-----------|--|---------|--------|
| 1 | 487818 | Tank 1647 | D401 | Add ' Tank Mixer' to Device Description; Change tank capacity from 215,000 bbl to 200,000 bbl in Device Description | 10 | 2 |
| 2 | 487971 | Tank 44 | D381 | Change tank diameter fro 95'-6" to 95'-7", change tank height from 27'-0" to 33'-5", change capacity form 35,000 bbl to 42,707 bbl in Device Description | 10 | 2 |
| 3 | 487974 | Tank 2500 | D420 | Change tank height from 45'-0" to 48'-0" in Device Description | 10 | 2 |
| 4 | 487975 | Tank 2520 | D432 | Change tank height from 20'-0" to 16'-0" in Device Description; Change tank capacity from 230 bbl to 180 bbl in Device Description | 12 | 1 |
| 5 | 487976 | Tank 2282 | D411 | Add 'Heating Coils' to Device Description | 10 | 2 |
| 6 | 487977 | Tank 2272 | D408 | Change tank capacity from 16,000 bbl to 15,500 bbl in Device Description | 10 | 2 |

| | A/N | Equipment ID | Device ID | Permit Action | Process | System |
|----|--------|--------------|-----------|---|---------|--------|
| 7 | 487979 | Tank R-513 | D397 | Add 'Two Tank Mixers' to Device Description | 10 | 2 |
| 8 | 487988 | Tank 2 | D366 | Add 'Tank Mixer' to Device Description | 10 | 2 |
| 9 | 487989 | Tank R-512 | D396 | Add 'Two Tank Mixers' to Device Description | 10 | 2 |
| 10 | 487990 | Tank R-511 | D395 | Add 'Two Tank Mixers' to Device Description | 10 | 2 |
| 11 | 487992 | Tank R-510 | D394 | Add 'Two Tank Mixers' to Device Description | 10 | 2 |
| 12 | 487993 | Tank 42 | D380 | Add 'Tank Mixer' to Device Description | 10 | 2 |
| 13 | N/A | Tank 2159 | D403 | Permit inactivated (Tank has been demolished and removed from the facility) | 10 | 2 |
| 14 | N/A | Tank 2191 | D752 | Permit inactivated (Tank has been demolished and removed from the facility) | 10 | 1 |

Please note that a local permit was issued to ConocoPhillips for the construction of a storage tank, Tank 2625 (Device D958) on July 29, 2008 pursuant to Rule 3002(a). This rule allows the District to issue a non-Title V permit to existing Phase One or Phase Two facilities that apply for a non-Title V permit prior to the issuance of their initial Title V permit. **Therefore, in accordance with device condition I30.1, your facility is required to file an application for a Title V permit revision for this equipment within 90 days of the issuance of the facility's initial Title V permit.**

Questions on the subject permit should be directed to Angelita Alfonso, Air Quality Engineer, at (909) 396-2255/aalfonso@aqmd.gov.

Sincerely,



Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

MN:JC:AA
Attachments

cc: Gerardo C. Rios, EPA
Barry R. Wallerstein
Jay Chen
Compliance
Title V Application File